

DUAL-BAND ANTENNA
ABSTRACT OF THE DISCLOSURE

A dual band antenna includes a first linear periodic array of first individual antennas for a first frequency band and a second linear periodic array of second individual antennas for a second frequency band. The period of the first linear periodic array is essentially twice as large as the period of the second linear periodic array. The second individual antennas are arranged alternately between the first and above the first individual antennas. The first individual antennas and the second individual antennas are embodied as patch radiators. The first and second individual antennas each include a printed-circuit board arranged in a rectangular, electrically conducting box which is open towards the top in addition to several patch plates which are arranged at a distance on top of each other above the printed-circuit board and parallel to the printed-circuit board.